

Serial No:
Filed:

injection barrel nozzle, a mold adjacent said injection nozzle, at least one hot runner between said mold and said injection nozzle and melt channels within said mold, said additive selected as at least one element from the group comprising gas producing substances, dyes, hardeners, softeners, fillers, blends and reactants and said conduit comprising at least one element selected from the group comprising said forward barrel space, said melt channels and said hot runner.

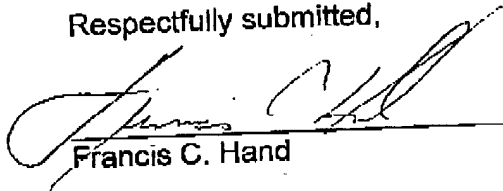
90. (previously added) The system of claim 77 further including a casting machine for producing said medium as a molten metal, said metal flowing in a valved passage to a die mold, said die mold having melt channels within said mold, said additive selected as at least one element from the group comprising alloys and metallurgical additives, and said conduit comprising at least one element selected from the group comprising said valved passage and said melt channels.

Remarks

Claims 45 to 90 are in this application.

Pursuant to the Requirement for Restriction, applicant elects the claims of Group II, that is claims 76 to 90.

Respectfully submitted,



Francis C. Hand

Date:

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